

Version 0 Interoperability Test SFQ05

Test Objectives:

Verify that the ECS SDPS and the EOSDIS V0 can exchange Directory, Inventory, and Guide information. Conduct browse activities and exchange pricing/accounting information and products to demonstrate interoperability. During the B.0 timeframe, there will be one-way interoperability. ECS users will be able to retrieve V0 data using the B0SOT. However, V0 users will not be able to access ECS data until ECS Release B.1. This test package contains tests to be conducted during the B.0 and B.1 timeframe. Functionality that will be tested in the Release B.1 timeframe has “Release B.1 functionality” indicated.

The objectives of this test are to verify that the:

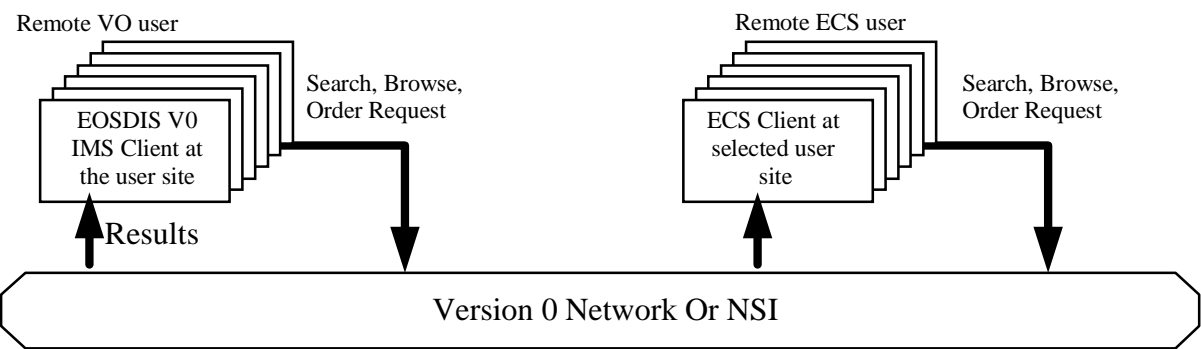
- ECS SDPS can access Directory information from the EOSDIS V0 IMS
- ECS SDPS can access Inventory information from the EOSDIS V0 IMS
- ECS SDPS can access Guide information from the EOSDIS V0 IMS (Release B.1 functionality)
- ECS SDPS can conduct Browse activities against the EOSDIS V0 IMS
- ECS SDPS can receive pricing/accounting information from the EOSDIS V0 IMS (Release B.1 functionality)
- ECS SDPS can order data products from the EOSDIS V0 IMS
- EOSDIS V0 IMS can access Directory information from the ECS SDPS (Release B.1 functionality)
- EOSDIS V0 IMS can access Inventory information from the ECS SDPS (Release B.1 functionality)
- EOSDIS V0 IMS can access Guide information from the ECS SDPS (Release B.1 functionality)
- EOSDIS V0 IMS can conduct Browse activities against the ECS SDPS (Release B.1 functionality)
- EOSDIS V0 IMS can receive pricing/accounting information from the ECS SDPS (Release B.1 functionality)
- EOSDIS V0 IMS can order data products from the ECS SDPS

This set of tests will confirm that scientist and non-scientist users will be able to enter specific requests for images and other data. The test will also confirm that data orders are provided via both FTP and magnetic media. The test package execution includes both the ECS client accessing the V0 server and the V0 client accessing the ECS server (Release B.1 functionality) via an Xwindows GUI on UNIX Workstations and the World Wide Web.

Requirements verified:

EOSD1695#B EOSD1740#B EOSD5030#B IMS-0625#B IMS-0915#B V0-0010#B V0-0060#B
V0-0070#B V0-0080#B V0-0090#B V0-0100#B V0-0110#B V0-0120#B V0-0150#B V0-0160#B
V0-0170#B V0-0180#B V0-0190#B V0-0200#B V0-0230#B V0-0240#B V0-0350#B V0-0370#B
V0-0380#B

Test Configuration:



Test Case Summary:

The following table summarizes the test cases contained within the SFQ05 test package. Test cases have been identified for each of the DAACs. For the Release B.0 timeframe GSFC, LaRC, NSIDC and EDC will have a local version of the Release B.0 Search and Order Tool Client (B0SOT). Queries will be built using the DAAC's local version of the Release B.0 Client that will query each of the Version 0 DAACs for Directory, Guide (Rel. B.1 functionality) and Inventory information. Integrated Browse, pricing/accounting (Rel. B.1 functionality) and product orders requests will also be conducted.

Test Case ID	Mission/ Instrument	Test Description
SFQ05.1.1	See Table 5-2	GSFC DAAC testing (one-way interoperability) using the ECS Client (B0SOT) to query and receive results from the V0 Servers at each of the V0 DAACs. The test will include Directory, Inventory, and Browse searches, and product ordering.
SFQ05.1.2	See Table 5-2	Release B.1 Functionality, GSFC DAAC testing (two way interoperability) using the V0 Client to query the ECS Servers at each of the ECS DAACs. The test will include Directory, Inventory, Guide and Browse searches, product pricing information exchange and product requests.
SFQ05.2.1	See Table 5-2	LaRC DAAC testing (one-way interoperability) using the ECS Client (B0SOT) to query and receive results from the V0 Servers at each of the V0 DAACs. The test will include Directory, Inventory, and Browse searches, and product ordering.
SFQ05.2.2	See Table 5-2	Release B.1 Functionality, LaRC DAAC testing (two way interoperability) using the V0 Client to query the ECS Servers at each of the ECS DAACs. The test will include Directory, Inventory, Guide and Browse searches, product pricing information exchange and product requests.
SFQ05.3.1	See Table 5-2	EDC DAAC testing (one-way interoperability) using the ECS Client (B0SOT) to query and receive results from the V0 Servers at each of the V0 DAACs. The test will include Directory, Inventory, and Browse searches, and product ordering.
SFQ05.3.2	See Table 5-2	Release B.1 Functionality, EDC DAAC testing (two way interoperability) using the V0 Client to query the ECS Servers at each of the ECS DAACs. The test will include Directory, Inventory, Guide and Browse searches, product pricing information exchange and product requests.
SFQ05.4.1	See Table 5-2	NSIDC DAAC testing (one-way interoperability) using the ECS Client (B0SOT) to query and receive results from the V0 Servers at each of the V0 DAACs. The test will include Directory, Inventory, and Browse searches, and product ordering.

SFQ05.4.2	See Table 5-2	Release B.1 Functionality, NSIDC DAAC testing (two way interoperability) using the V0 Client to query the ECS Servers at each of the ECS DAACs. The test will include Directory, Inventory, Guide and Browse searches, product pricing information exchange and product requests.
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Table 5-1
SFQ05 Test Summary

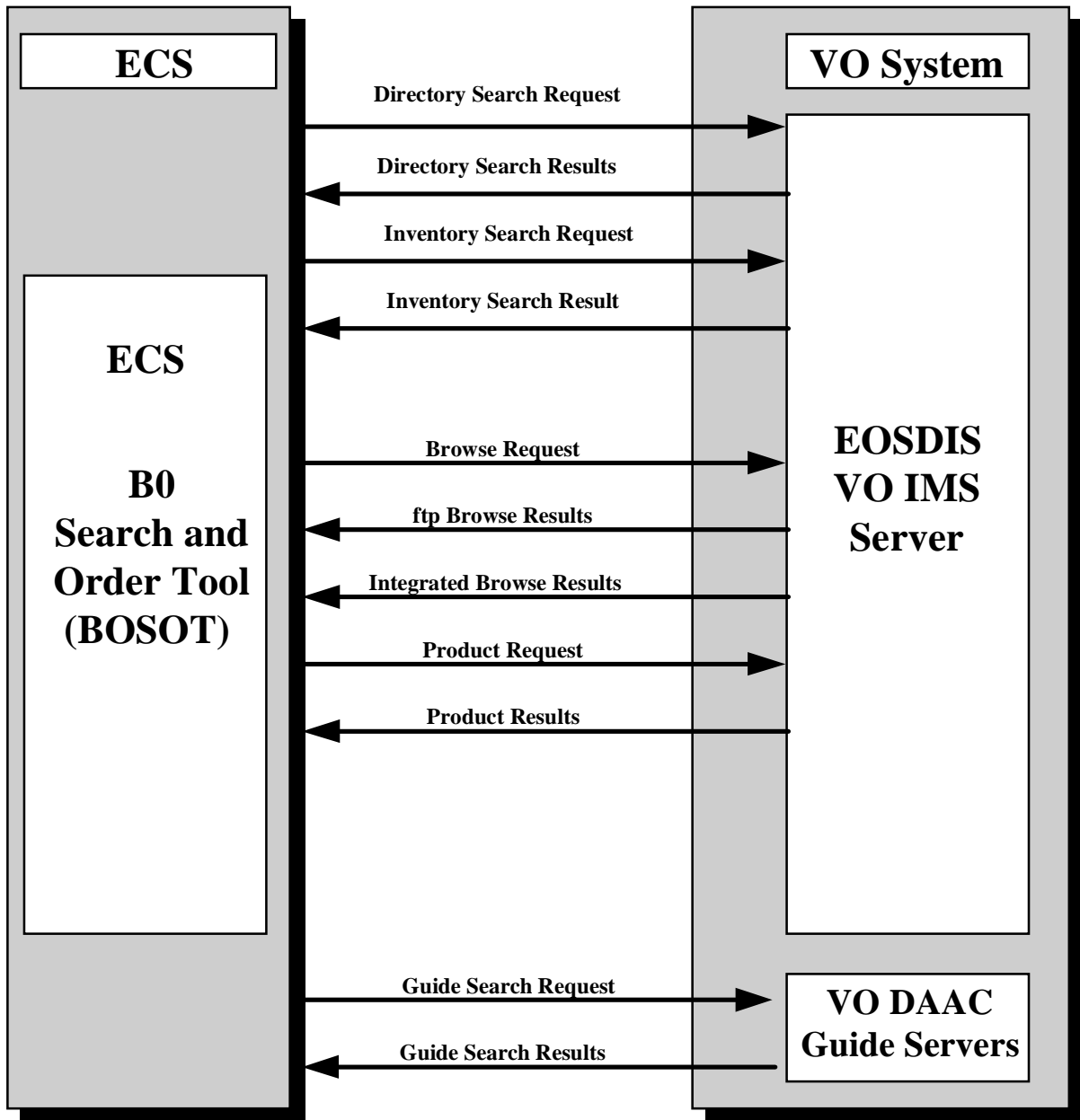


EXHIBIT 5-2
ECS as client; VO as server

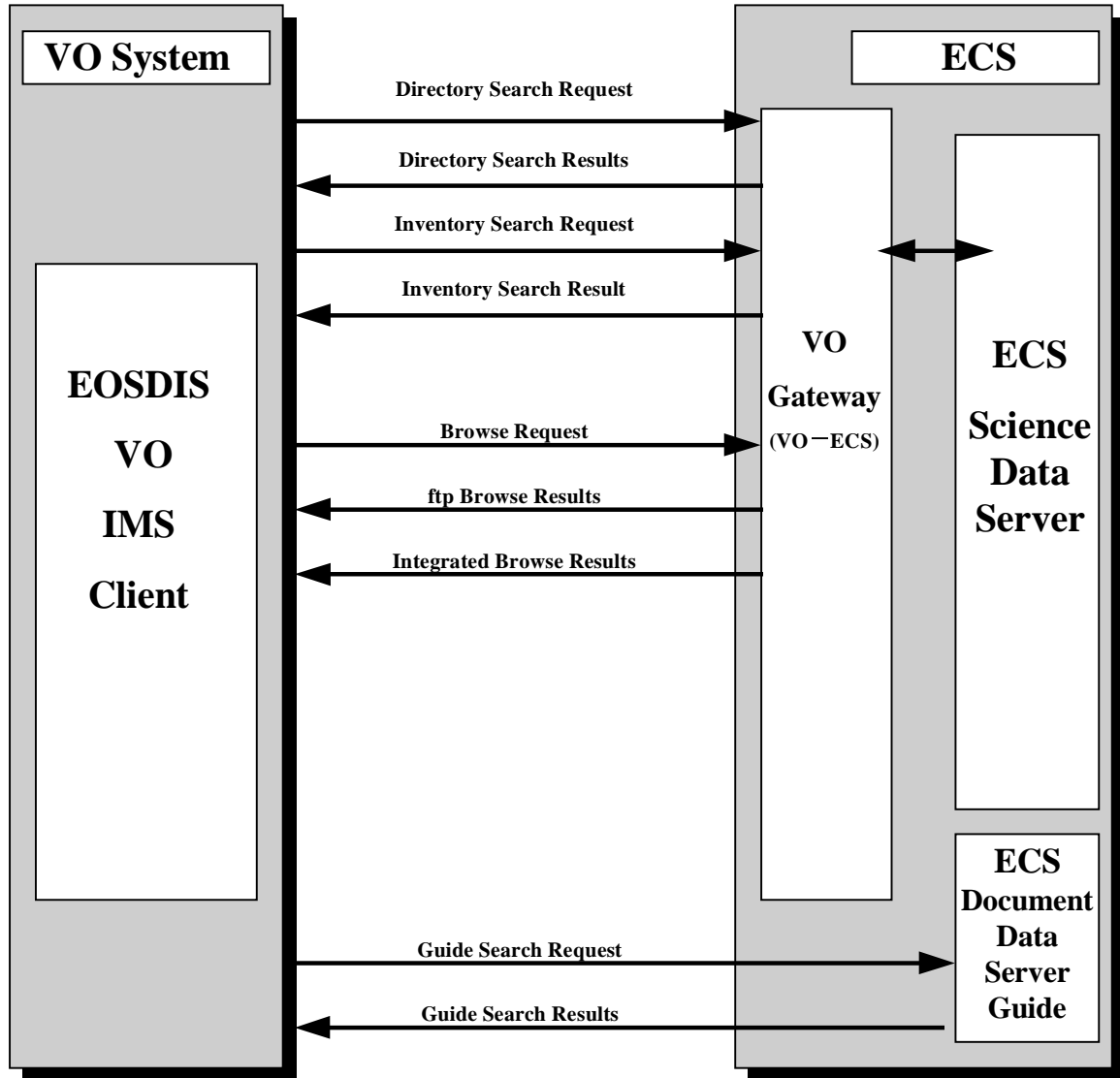


EXHIBIT 5-3
VO as client; ECS as server

Participants and Support Requirements:

A. Participating Organizations:

M&O Support at ASF DAAC
M&O Support at CIESIN DAAC
M&O Support at EDC DAAC
M&O Support at GSFC DAAC
M&O Support at JPL DAAC
M&O Support at LaRC DAAC
M&O Support at NOAA DAAC
M&O Support at NSDIS DAAC
M&O Support at ORNL DAAC

B. Communications:

Voice: phone lines to systems personnel

E. Prerequisites:

ECS Release B.0 Client delivered to and accessible at the B.0 DAACs.

Note: If using a remote downloaded version of the IMS Client be sure that the Dependent Valids listing is updated.

F. Test Data:

The following test data sets have been selected for SFQ05. For Release B.0 testing, only Version 0 datasets will be required, since two-way interoperability will not be available in Release B.0. To verify that the Release B.0 Client can access data at all the V0 DAACs, queries will be submitted to each of the V0 DAACs from each of the B.0 Clients located at EDC, GSFC, LaRC and NSIDC. Specific test data sets to be used for Release B.1 testing will be finalized prior to Release B.1 test execution.

Data Source/Physical Location	Missions	Test Description	Test Station	Test Case ID
ASF		Directory/Inventory/ Browse/Product Request	Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
CIESIN		Directory/Inventory/ Browse/Product Request	Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
EDC	NOAA-6	Directory/Inventory/ Browse/Product Request	Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
GSFC	NOAA-7	Directory/Inventory/ Browse/Product Request	Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
JPL	TOPEX/Poseidon	Directory/Inventory/ Browse/Product Request	Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
LaRC	ERBS	Directory/Inventory/ Browse/Product Request	Either by Telnet or local access at: EDC, GSFC,	All

Data Source/Physical Location	Missions	Test Description	Test Station	Test Case ID
			LaRC, NSIDC	
NOAA	/AVHRR		Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
NSIDC			Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All
ORNL			Either by Telnet or local access at: EDC, GSFC, LaRC, NSIDC	All

Table 5-2
Test data for Release B.0

Test Case Descriptions:

5.1.1 Directory, Inventory, Browse and Product Orders at the EDC DAAC

EDC DAAC (ECS as the Client, V0 as the Server)

This test case is to verify that the ECS Client located at the EDC DAAC can perform Directory and Inventory searches, conduct browse activities and order V0 data products.

Initial queries using the V0 Client to query for predetermined datasets (reference Table 5-2) at each of the V0 DAACs will be performed, and the results logged. Then the ECS Client at the EDC DAAC, will be used to query for the same datasets to determine that the ECS Client receives the same results as the V0 Client.

For testing in the B.1 timeframe, this test will be executed, and will include Guide search/results, as well as pricing/accounting information exchange.

Requirements to be verified:

EOSD1695#B EOSD5030#B IMS-0625#B IMS-0915#B V0-0010#B V0-0060#B
V0-0070#B V0-0100#B V0-0110#B V0-0120#B V0-0200#B V0-0350#B V0-0370#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the V0 System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the V0 Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS located at the DAAC, or via Telnet		
2.002		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.003		Select OK button	Welcome Screen	

2.004		Select Search Screen button	Search screen appears	
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2.017		At the prompt, click yes	Inventory search screen is displayed.	
2.018		Select the “Geographic Area” button		Select area specified in Table 5-2
2.019		Select the “Select From the Map”	Geographic selection screen appears	
2.020		Select the “Search Screen”	Returns to “Search Screen”	
2.021		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	
2.022		When the “Completed Status” column is green, select the data button	“Inventory Results” screen is displayed	
2.023		Check the “Browse Available” (BA) column for the “Integrated Browse” (FB) capability and select it.	“FTP Browse” screen returned	
2.024		Select the order button	Returns the Order Screen	
2.025		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.026		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.027		Communications Status screen indicates order was completed successfully. Click on “Contact Information” button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.028		Log ID number for future reference		
2.029		Repeat steps 2.004 through 2.028		
2.030		Select the “Close” buttons on each screen	As the “Close” buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
2.031		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.032		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.033		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.034		Click on User Profile and enter information: Save when information is	This information is stored and referenced on subsequent logins.	

		complete.		
2.035		Click on “Directory” for type of search desired.	Directory search screen appears	
2.036		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	
2.037		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.038		Click on “Execute Search” button	The directory search window results appear	
2.039		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.040		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.041		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.042		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.043		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.044		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.045		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.046		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	
2.047		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d) Personnel, e) References	All information should correspond to the criteria selected.	
2.048		Under the “Go To” menu	Directory Results	

		select the Current Data Set Information option	Screen appears.	
2.049		Under the “Go To” menu select “Inventory” on selected data set	A Prompt appears “ Do you wish to confirm search parameters?”	
2.050		Select yes “To confirm search parameters”.	Inventory Search screen appears.	
2.051		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.052		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.053		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.054		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.055		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.056		Select the 5) Global Granules Only Option		
2.057		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.058		Select “Both” for Day and Night Coverage		
2.059		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.060		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.061		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.062		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	
2.063		In the “View” column click	Inventory Results	

		on “Data”	screen is displayed	
2.064		Select Data set indicated in Table 5-2 by clicking on the “Count” button		
2.065		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.066		Verify browse image size		Compare to data from V0 query results
2.067		Click on View Image	Browse Image is displayed	
2.068		Click the “Mark for Order” radio button		
2.069		Click the “Close” button		
2.070		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.071		Click on the “Order Data” button	Order Data screen appears	
2.072		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.073		Click on OK	Order Data Screen appears	
2.074		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.075		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.076		Repeat steps 2.033 through 2.075 until all queries listed in Table 5-2 have been completed.		
2.077		Select Close on all screens	Client “backs out”	
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference and further analysis.		

5.1.2 Directory, Inventory, Browse and Product Orders at the EDC DAAC (B.1)

EDC DAAC (V0 as the Client, ECS as the Server)

Accessing ECS from the V0 Client is a Release B.1 capability.

This test case is to verify two-way interoperability. Using the V0 Client located at the EDC DAAC to query the ECS servers for Directory, Guide and Inventory searches, conduct browse activities and order ECS data products archived at the ECS DAACs. The test will also verify that pricing information (ECS B.1 capability) is received.

Initial queries using the ECS Client to query for predetermined datasets (reference Table 5-2) at each of the ECS DAACs will be performed, and the results logged. Then the V0 Client will be used to query for the same datasets at the ECS DAACs, to determine that the V0 Client receives the same results as the ECS Client.

Requirements verified:

EOSD1695#B IMS-0625#B IMS-0915#B V0-0010#B V0-0150#B V0-0160#B V0-0170#B
V0-0180#B V0-0190#B V0-0200#B V0-0230#B V0-0240#B V0-0350#B V0-0380#B
EOSD1740#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the ECS System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the ECS Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.002		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized

2.003		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.004		Click on User Profile and enter information: Save when information is complete.	This information is stored and referenced on subsequent logins.	
2.005		Click on “Directory” for type of search desired.	Directory search screen appears	
2.006		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	
2.007		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.008		Click on “Execute Search” button	The directory search window results appear	
2.009		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.010		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.011		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.012		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.013		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.014		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.015		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.016		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	

2.017		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d) Personnel, e) References	All information should correspond to the criteria selected.	
2.018		Under the “Go To” menu select the Current Data Set Information option	Directory Results Screen appears.	
2.019		Under the “Go To” menu select “Inventory” on selected data set	A Prompt appears “ Do you wish to confirm search parameters?”	
2.020		Select yes “To confirm search parameters”.	Inventory Search screen appears.	
2.021		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.022		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.023		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.024		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.025		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.026		Select the 5) Global Granules Only Option		
2.027		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.028		Select “Both” for Day and Night Coverage		
2.029		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.030		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.031		Click on the “Save Search” button to save the parameters	The search information is saved.	

2.032		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	
2.033		In the “View” column click on “Data”	Inventory Results screen is displayed	
2.034		Select Data set indicated in Table 5-2 by clicking on the “Count” button		
2.035		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.036		Verify browse image size		Compare to data from V0 query results
2.037		Click on View Image	Browse Image is displayed	
2.038		Click the “Mark for Order” radio button		
2.039		Click the “Close” button		
2.040		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.041		Click on the “Order Data” button	Order Data screen appears	
2.042		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.043		Click on OK	Order Data Screen appears	
2.044		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.045		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.046		Repeat steps 2.003 through 2.045 until all queries listed in Table 5-2 have been completed.		
2.047		Select Close on all screens	Client “backs out”	
2.048		Log on to the PC or WS located at the DAAC, or via Telnet		
2.049		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.050		Select OK button	Welcome Screen	
2.051		Select Search Screen button	Search screen appears	
2.052		Select the Directory radio	The radio button will	

		button	appear depressed. The screen will change accordingly informing you of special restrictions and options.	
2.053		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for datasets from all V0 DAACs
2.054		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.055		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.056		Observe the columns representing the search progress. Note if the "Receiving Results" column is highlighted. Note if transaction is aborted		
2.057		If the "Comments" button is highlighted Select it and observe the results	Returns a Comments screen	
2.058		When the "Completed Status" column is green under the column labeled View, select the data button	"Directory Results Screen" is displayed	
2.059		After verifying that the information matches the criteria selected, select one of the datasets (reference Table 5-2) by clicking on the "count" button.	Highlights the dataset selected	
2.060		Click on Detail Directory button	Provides Detailed directory information	
2.061		Observe the following information: a) Brief Description, b) Attributes, c) Data Center, d) Personnel, e) Reference	All information should correspond to input selected	
2.062		Under the "Go To" menu, select "Current Data Set Information	Directory Results Screen Appears	
2.063		Select the Data set and under the "Go To" menu select Inventory, Selected data set	Prompt: Do you wish to confirm search parameters?	
2.064		At the prompt, click yes	Inventory search screen is displayed.	

2.065		Select the “Geographic Area” button		Select area specified in Table 5-2
2.066		Select the “Select From the Map”	Geographic selection screen appears	
2.067		Select the “Search Screen”	Returns to “Search Screen”	
2.068		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	
2.069		When the “Completed Status” column is green, select the data button	“Inventory Results” screen is displayed	
2.070		Check the “Browse Available” (BA) column for the “Integrated Browse” (FB) capability and select it.	“FTP Browse” screen returned	
2.071		Select the order button	Returns the Order Screen	
2.072		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.073		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.074		Communications Status screen indicates order was completed successfully. Click on “Contact Information” button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.075		Log ID number for future reference		
2.076		Repeat steps 2.051 through 2.076 until all DAACs have been queried.		
2.077		Select the “Close” buttons on each screen	As the “Close” buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference		

		and further analysis.		
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5.2.1 Directory, Inventory, Browse and Product Orders at the GSFC DAAC

GSFC DAAC (ECS as the Client, V0 as the Server)

This test case is to verify that the ECS Client located at the GSFC DAAC can perform Directory and Inventory searches, conduct browse activities and order/receive V0 data products (via FTP or electronic media).

Initial queries using the V0 Client to query for predetermined datasets (reference Table 5-2) at each of the V0 DAACs will be performed, and the results logged. Then the ECS Client at the GSFC DAAC, will be used to query for the same datasets to determine that the ECS Client receives the same results as the V0 Client.

For testing in the B.1 timeframe, this test will be executed, and will include Guide search/results, as well as pricing and accounting information exchange.

Requirements verified:

EOSD1695#B IMS-0625#B V0-0010#B V0-0060#B V0-0070#B V0-0080#B V0-0090#B
V0-0100#B V0-0110#B V0-0120#B V0-0240#B V0-0350#B

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the V0 System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the V0 Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS located at the DAAC, or via Telnet		
2.002		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.003		Select OK button	Welcome Screen	
2.004		Select Search Screen button	Search screen appears	
2.005		Select the Directory radio	The radio button will	

		button	appear depressed. The screen will change accordingly informing you of special restrictions and options.	
2.006		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for datasets from all V0 DAACs
2.007		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.008		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.009		Observe the columns representing the search progress. Note if the "Receiving Results" column is highlighted. Note if transaction is aborted		
2.010		If the "Comments" button is highlighted Select it and observe the results	Returns a Comments screen	
2.011		When the "Completed Status" column is green under the column labeled View, select the data button	"Directory Results Screen" is displayed	
2.012		After verifying that the information matches the criteria selected, select one of the datasets (reference Table 5-2) by clicking on the "count" button.	Highlights the dataset selected	
2.013		Click on Detail Directory button	Provides Detailed directory information	
2.014		Observe the following information: a) Brief Description, b) Attributes, c) Data Center, d) Personnel, e) Reference	All information should correspond to input selected	
2.015		Under the "Go To" menu, select "Current Data Set Information	Directory Results Screen Appears	
2.016		Select the Data set and under the "Go To" menu select Inventory, Selected data set	Prompt: Do you wish to confirm search parameters?	
2.017		At the prompt, click yes	Inventory search screen is displayed.	

2.018		Select the “Geographic Area” button		Select area specified in Table 5-2
2.019		Select the “Select From the Map”	Geographic selection screen appears	
2.020		Select the “Search Screen”	Returns to “Search Screen”	
2.021		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	
2.022		When the “Completed Status” column is green, select the data button	“Inventory Results” screen is displayed	
2.023		Check the “Browse Available” (BA) column for the “Integrated Browse” (FB) capability and select it.	“FTP Browse” screen returned	
2.024		Select the order button	Returns the Order Screen	
2.025		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.026		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.027		Communications Status screen indicates order was completed successfully. Click on “Contact Information” button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.028		Log ID number for future reference		
2.029		Repeat steps 2.004 through 2.028		
2.030		Select the “Close” buttons on each screen	As the “Close” buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
2.031		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.032		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.033		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.034		Click on User Profile and enter information: Save when information is complete.	This information is stored and referenced on subsequent logins.	
2.035		Click on “Directory” for type	Directory search screen	

		of search desired.	appears	
2.036		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	
2.037		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.038		Click on “Execute Search” button	The directory search window results appear	
2.039		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.040		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.041		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.042		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.043		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.044		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.045		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.046		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	
2.047		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d) Personnel, e) References	All information should correspond to the criteria selected.	
2.048		Under the “Go To” menu select the Current Data Set Information option	Directory Results Screen appears.	

2.049		Under the “Go To” menu select “Inventory” on selected data set	A Prompt appears “ Do you wish to confirm search parameters?”	
2.050		Select yes “To confirm search parameters”.	Inventory Search screen appears.	
2.051		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.052		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.053		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.054		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.055		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.056		Select the 5) Global Granules Only Option		
2.057		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.058		Select “Both” for Day and Night Coverage		
2.059		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.060		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.061		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.062		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	
2.063		In the “View” column click on “Data”	Inventory Results screen is displayed	
2.064		Select Data set indicated in		

		Table 5-2 by clicking on the “Count” button		
2.065		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.066		Verify browse image size		Compare to data from V0 query results
2.067		Click on View Image	Browse Image is displayed	
2.068		Click the “Mark for Order” radio button		
2.069		Click the “Close” button		
2.070		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.071		Click on the “Order Data” button	Order Data screen appears	
2.072		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.073		Click on OK	Order Data Screen appears	
2.074		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.075		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.076		Repeat steps 2.033 through 2.075 until all queries listed in Table 5-2 have been completed.		
2.077		Select Close on all screens	Client “backs out”	
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference and further analysis.		

5.2.2 Directory, Inventory, Browse and Product Orders at the GSFC DAAC (B.1)

GSFC DAAC (V0 as the Client, ECS as the Server)

Accessing ECS from the V0 Client is a Release B.1 capability.

This test case is to verify two-way interoperability. Using the V0 Client located at the GSFC DAAC to query the ECS servers for Directory, Guide and Inventory searches, conduct browse activities and order ECS data products archived at the ECS DAACs. The test will also verify that pricing information (ECS B.1 capability) is received.

Initial queries using the ECS Client to query for predetermined datasets (reference Table 5-2) at each of the ECS DAACs will be performed, and the results logged. Then the V0 Client will be used to query for the same datasets at the ECS DAACs, to determine that the V0 Client receives the same results as the ECS Client.

Requirements verified:

EOSD1695#B IMS-0625#B IMS-0915#B V0-0010#B V0-0150#B V0-0160#B
V0-0170#B V0-0180#B V0-0190#B V0-0200#B V0-0230#B V0-0240#B
V0-0350#B V0-0380#B EOSD1740#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the ECS System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the ECS Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.002		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.003		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.004		Click on User Profile and	This information is	

		enter information: Save when information is complete.	stored and referenced on subsequent logins.	
2.005		Click on “Directory” for type of search desired.	Directory search screen appears	
2.006		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	
2.007		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.008		Click on “Execute Search” button	The directory search window results appear	
2.009		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.010		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.011		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.012		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.013		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.014		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.015		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.016		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	
2.017		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d)	All information should correspond to the criteria selected.	

		Personnel, e) References		
2.018		Under the “Go To” menu select the Current Data Set Information option	Directory Results Screen appears.	
2.019		Under the “Go To” menu select “Inventory” on selected data set	A Prompt appears “ Do you wish to confirm search parameters?”	
2.020		Select yes “To confirm search parameters”.	Inventory Search screen appears.	
2.021		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.022		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.023		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.024		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.025		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.026		Select the 5) Global Granules Only Option		
2.027		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.028		Select “Both” for Day and Night Coverage		
2.029		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.030		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.031		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.032		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules	

			found.	
2.033		In the “View” column click on “Data”	Inventory Results screen is displayed	
2.034		Select Data set indicated in Table 5-2 by clicking on the “Count” button		
2.035		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.036		Verify browse image size		Compare to data from V0 query results
2.037		Click on View Image	Browse Image is displayed	
2.038		Click the “Mark for Order” radio button		
2.039		Click the “Close” button		
2.040		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.041		Click on the “Order Data” button	Order Data screen appears	
2.042		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.043		Click on OK	Order Data Screen appears	
2.044		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.045		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.046		Repeat steps 2.003 through 2.045 until all queries listed in Table 5-2 have been completed.		
2.047		Select Close on all screens	Client “backs out”	
2.048		Log on to the PC or WS located at the DAAC, or via Telnet		
2.049		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.050		Select OK button	Welcome Screen	
2.051		Select Search Screen button	Search screen appears	
2.052		Select the Directory radio button	The radio button will appear depressed. The screen will change accordingly informing you of special	

			restrictions and options.	
2.053		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for datasets from all V0 DAACs
2.054		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.055		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.056		Observe the columns representing the search progress. Note if the "Receiving Results" column is highlighted. Note if transaction is aborted		
2.057		If the "Comments" button is highlighted Select it and observe the results	Returns a Comments screen	
2.058		When the "Completed Status" column is green under the column labeled View, select the data button	"Directory Results Screen" is displayed	
2.059		After verifying that the information matches the criteria selected, select one of the datasets (reference Table 5-2) by clicking on the "count" button.	Highlights the dataset selected	
2.060		Click on Detail Directory button	Provides Detailed directory information	
2.061		Observe the following information: a) Brief Description, b) Attributes, c) Data Center, d) Personnel, e) Reference	All information should correspond to input selected	
2.062		Under the "Go To" menu, select "Current Data Set Information	Directory Results Screen Appears	
2.063		Select the Data set and under the "Go To" menu select Inventory, Selected data set	Prompt: Do you wish to confirm search parameters?	
2.064		At the prompt, click yes	Inventory search screen is displayed.	
2.065		Select the "Geographic Area" button		Select area specified in Table 5-2
2.066		Select the "Select From the Map"	Geographic selection screen appears	

2.067		Select the “Search Screen”	Returns to “Search Screen”	
2.068		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	
2.069		When the “Completed Status” column is green, select the data button	“Inventory Results” screen is displayed	
2.070		Check the “Browse Available” (BA) column for the “Integrated Browse” (FB) capability and select it.	“FTP Browse” screen returned	
2.071		Select the order button	Returns the Order Screen	
2.072		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.073		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.074		Communications Status screen indicates order was completed successfully. Click on “Contact Information” button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.075		Log ID number for future reference		
2.076		Repeat steps 2.051 through 2.075		
2.077		Select the “Close” buttons on each screen	As the “Close” buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference and further analysis.		

5.3.1 Directory, Inventory, Browse and Product Orders at the LaRC DAAC

LaRC DAAC (ECS as the Client, V0 as the Server)

This test case is to verify that the ECS Client located at the LaRC DAAC can perform Directory and Inventory searches, conduct browse activities and order V0 data products.

Initial queries using the V0 Client to query for predetermined datasets (reference Table 5-2) at each of the V0 DAACs will be performed, and the results logged. Then the ECS Client at the LaRC DAAC, will be used to query for the same datasets to determine that the ECS Client receives the same results as the V0 Client.

For testing in the B.1 timeframe, this test will be executed, and will include Guide search/results, as well as pricing/accounting information exchange.

Requirements verified:

EOSD1695#B IMS-0625#B V0-0010#B V0-0060#B V0-0070#B V0-0080#B
V0-0090#B V0-0100#B V0-0110#B V0-0120#B V0-0240#B V0-0350#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the V0 System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the V0 Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS located at the DAAC, or via Telnet		
2.002		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.003		Select OK button	Welcome Screen	
2.004		Select Search Screen button	Search screen appears	
2.005		Select the Directory radio button	The radio button will appear depressed. The screen will change accordingly informing you of special	

			restrictions and options.	
2.006		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for datasets from all V0 DAACs
2.007		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.008		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.009		Observe the columns representing the search progress. Note if the "Receiving Results" column is highlighted. Note if transaction is aborted		
2.010		If the "Comments" button is highlighted Select it and observe the results	Returns a Comments screen	
2.011		When the "Completed Status" column is green under the column labeled View, select the data button	"Directory Results Screen" is displayed	
2.012		After verifying that the information matches the criteria selected, select one of the datasets (reference Table 5-2) by clicking on the "count" button.	Highlights the dataset selected	
2.013		Click on Detail Directory button	Provides Detailed directory information	
2.014		Observe the following information: a) Brief Description, b) Attributes, c) Data Center, d) Personnel, e) Reference	All information should correspond to input selected	
2.015		Under the "Go To" menu, select "Current Data Set Information	Directory Results Screen Appears	
2.016		Select the Data set and under the "Go To" menu select Inventory, Selected data set	Prompt: Do you wish to confirm search parameters?	
2.017		At the prompt, click yes	Inventory search screen is displayed.	
2.018		Select the "Geographic Area" button		Select area specified in Table 5-2
2.019		Select the "Select From the Map"	Geographic selection screen appears	

2.020		Select the “Search Screen”	Returns to “Search Screen”	
2.021		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	
2.022		When the “Completed Status” column is green, select the data button	“Inventory Results” screen is displayed	
2.023		Check the “Browse Available” (BA) column for the “Integrated Browse” (FB) capability and select it.	“FTP Browse” screen returned	
2.024		Select the order button	Returns the Order Screen	
2.025		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.026		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.027		Communications Status screen indicates order was completed successfully. Click on “Contact Information” button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.028		Log ID number for future reference		
2.029		Repeat steps 2.004 through 2.028		
2.030		Select the “Close” buttons on each screen	As the “Close” buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
2.031		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.032		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.033		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.034		Click on User Profile and enter information: Save when information is complete.	This information is stored and referenced on subsequent logins.	
2.035		Click on “Directory” for type of search desired.	Directory search screen appears	
2.036		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	

2.037		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.038		Click on “Execute Search” button	The directory search window results appear	
2.039		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.040		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.041		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.042		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.043		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.044		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.045		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.046		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	
2.047		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d) Personnel, e) References	All information should correspond to the criteria selected.	
2.048		Under the “Go To” menu select the Current Data Set Information option	Directory Results Screen appears.	
2.049		Under the “Go To” menu select “Inventory” on selected data set	A Prompt appears “ Do you wish to confirm search parameters?”	
2.050		Select yes “To confirm	Inventory Search	

		search parameters”.	screen appears.	
2.051		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.052		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.053		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.054		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.055		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.056		Select the 5) Global Granules Only Option		
2.057		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.058		Select “Both” for Day and Night Coverage		
2.059		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.060		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.061		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.062		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	
2.063		In the “View” column click on “Data”	Inventory Results screen is displayed	
2.064		Select Data set indicated in Table 5-2 by clicking on the “Count” button		
2.065		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	

2.066		Verify browse image size		Compare to data from V0 query results
2.067		Click on View Image	Browse Image is displayed	
2.068		Click the “Mark for Order” radio button		
2.069		Click the “Close” button		
2.070		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.071		Click on the “Order Data” button	Order Data screen appears	
2.072		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.073		Click on OK	Order Data Screen appears	
2.074		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.075		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.076		Repeat steps 2.051 through 2.075 until all queries listed in Table 5-2 have been completed.		
2.077		Select Close on all screens	Client “backs out”	
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference and further analysis.		

5.3.2 Directory, Inventory, Browse and Product Orders at the EDC DAAC (B.1)

LaRC DAAC (V0 as the Client, ECS as the Server)

Accessing ECS from the V0 Client is a Release B.1 capability.

This test case is to verify two-way interoperability. Using the V0 Client located at the LaRC DAAC to query the ECS servers for Directory, Guide and Inventory searches, conduct browse activities and order ECS data products archived at the ECS DAACs. The test will also verify that pricing information (ECS B.1 capability) is received.

Initial queries using the ECS Client to query for predetermined datasets (reference Table 5-2) at each of the ECS DAACs will be performed, and the results logged. Then the V0 Client will be used to query for the same datasets at the ECS DAACs , to determine that the V0 Client receives the same results as the ECS Client.

Requirements verified:

EOSD1695#B IMS-0625#B IMS-0915#B V0-0010#B V0-0150#B V0-0160#B V0-0170#B
V0-0180#B V0-0190#B V0-0200#B V0-0230#B V0-0240#B V0-0350#B V0-0380#B
EOSD1740#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the ECS System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the ECS Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.002		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.003		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.004		Click on User Profile and enter information: Save when information is	This information is stored and referenced on subsequent logins.	

		complete.		
2.005		Click on “Directory” for type of search desired.	Directory search screen appears	
2.006		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	
2.007		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.008		Click on “Execute Search” button	The directory search window results appear	
2.009		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.010		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.011		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.012		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.013		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.014		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.015		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.016		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	
2.017		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d) Personnel, e) References	All information should correspond to the criteria selected.	
2.018		Under the “Go To” menu	Directory Results	

		select the Current Data Set Information option	Screen appears.	
2.019		Under the “Go To” menu select “Inventory” on selected data set	A Prompt appears “ Do you wish to confirm search parameters?”	
2.020		Select yes “To confirm search parameters”.	Inventory Search screen appears.	
2.021		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.022		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.023		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.024		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.025		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.026		Select the 5) Global Granules Only Option		
2.027		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.028		Select “Both” for Day and Night Coverage		
2.029		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.030		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.031		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.032		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	
2.033		In the “View” column click	Inventory Results	

		on “Data”	screen is displayed	
2.034		Select Data set indicated in Table 5-2 by clicking on the “Count” button		
2.035		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.036		Verify browse image size		Compare to data from V0 query results
2.037		Click on View Image	Browse Image is displayed	
2.038		Click the “Mark for Order” radio button		
2.039		Click the “Close” button		

2.053		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for datasets from all V0 DAACs
2.054		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.055		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.056		Observe the columns representing the search progress. Note if the "Receiving Results" column is highlighted. Note if transaction is aborted		
2.057		If the "Comments" button is highlighted Select it and observe the results	Returns a Comments screen	
2.058		When the "Completed		

2.068		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	
2.069		When the “Completed Status” column is green, select the data button	“Inventory Results” screen is displayed	
2.070		Check the “Browse Available” (BA) column for the “Integrated Browse” (FB) capability and select it.	“FTP Browse” screen returned	
2.071		Select the order button	Returns the Order Screen	
2.072		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.073		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.074		Communications Status screen indicates order was completed successfully. Click on “Contact Information” button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.075		Log ID number for future reference		
2.076		Repeat steps 2.051 through 2.076		
2.077		Select the “Close” buttons on each screen	As the “Close” buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference and further analysis.		

5.4.1 Directory, Inventory, Browse and Product Orders at the NSIDC DAAC

NSIDC DAAC (ECS as the Client, V0 as the Server)

This test case is to verify that the ECS Client located at the NSIDC DAAC can perform Directory and Inventory searches, conduct browse activities and order V0 data products.

Initial queries using the V0 Client to query for predetermined datasets (reference Table 5-2) at each of the V0 DAACs will be performed, and the results logged. Then the ECS Client at the NSIDC DAAC, will be used to query for the same datasets to determine that the ECS Client receives the same results as the V0 Client.

For testing in the B.1 timeframe, this test will be executed, and will include Guide search/results, as well as pricing/accounting information exchange.

Requirements verified:

EOSD1695#B IMS-0625#B V0-0010#B V0-0060#B V0-0070#B V0-0080#B
V0-0090#B V0-0100#B V0-0110#B V0-0120#B V0-0240#B V0-0350#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the V0 System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the V0 Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS located at the DAAC, or via Telnet		
2.002		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.003		Select OK button	Welcome Screen	
2.004		Select Search Screen button	Search screen appears	
2.005		Select the Directory radio button	The radio button will appear depressed. The screen will change accordingly informing you of special restrictions and options.	

2.006		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for datasets from all V0 DAACs
2.007		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.008		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.009		Observe the columns representing the search progress. Note if the "Receiving Results" column is highlighted. Note if transaction is aborted		
2.010		If the "Comments" button is highlighted Select it and observe the results	Returns a Comments screen	
2.011		When the "Completed Status" column is green under the column labeled View, select the data button	"Directory Results Screen" is displayed	
2.012		After verifying that the information matches the criteria selected, select one of the datasets (reference Table 5-2) by clicking on the "count" button.	Highlights the dataset selected	
2.013		Click on Detail Directory button	Provides Detailed directory information	
2.014		Observe the following information: a) Brief Description, b) Attributes, c) Data Center, d) Personnel, e) Reference	All information should correspond to input selected	
2.015		Under the "Go To" menu, select "Current Data Set Information	Directory Results Screen Appears	
2.016		Select the Data set and under the "Go To" menu select Inventory, Selected data set	Prompt: Do you wish to confirm search parameters?	
2.017		At the prompt, click yes	Inventory search screen is displayed.	
2.018		Select the "Geographic Area" button		Select area specified in Table 5-2
2.019		Select the "Select From the Map"	Geographic selection screen appears	
2.020		Select the "Search Screen"	Returns to "Search Screen"	

2.021		Select "Execute Search" button from the bottom of the screen	"Communications Status" screen appears	
2.022		When the "Completed Status" column is green, select the data button	"Inventory Results" screen is displayed	
2.023		Check the "Browse Available" (BA) column for the "Integrated Browse" (FB) capability and select it.	"FTP Browse" screen returned	
2.024		Select the order button	Returns the Order Screen	
2.025		Select the data set and click Package options	Returns package available	Data will be ordered on all available types of media to verify correctness
2.026		Fill in the appropriate information for ordering media. Click submit order.	Communication Status indicating the transmission of the order is displayed.	
2.027		Communications Status screen indicates order was completed successfully. Click on "Contact Information" button	Displays information pertaining to the Data Center and the ID for tracking the order	
2.028		Log ID number for future reference		
2.029		Repeat steps 2.004 through 2.028		
2.030		Select the "Close" buttons on each screen	As the "Close" buttons are selected the Client backs out screen by screen until finished	Log off the V0 Client
2.031		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.032		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.033		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.034		Click on User Profile and enter information: Save when information is complete.	This information is stored and referenced on subsequent logins.	
2.035		Click on "Directory" for type of search desired.	Directory search screen appears	
2.036		Choose Parameters information indicated in Table 5-2 for each DAAC	Information selected is displayed on the screen.	
2.037		Click on the "Save Search" button to save the selected	This search may be re-used later for	Choose a save set name to identify the Test Case

		parameters.	regression purposes	ID number (e.g., SFQ5.1.1B0)
2.038		Click on “Execute Search” button	The directory search window results appear	
2.039		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.040		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.041		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.		

		2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	displayed on the screen.	
2.052		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.053		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.054		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.055		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.056		Select the 5) Global Granules Only Option		
2.057		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.058		Select “Both” for Day and Night Coverage		
2.059		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.060		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.061		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.062		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	
2.063		In the “View” column click on “Data”	Inventory Results screen is displayed	
2.064		Select Data set indicated in Table 5-2 by clicking on the “Count” button		
2.065		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.066		Verify browse image size		Compare to data from V0 query results

2.067		Click on View Image	Browse Image is displayed	
2.068		Click the “Mark for Order” radio button		
2.069		Click the “Close” button		
2.070		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.071		Click on the “Order Data” button	Order Data screen appears	
2.072		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.073		Click on OK	Order Data Screen appears	
2.074		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.075		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.076		Repeat steps 2.033 through 2.075 until all queries listed in Table 5-2 have been completed.		
2.077		Select Close on all screens	Client “backs out”	
3.001		Compare all data sets with the ones expected. Verify the amount of data, time coverage and benchmark information available	The data sets are expected to match the criteria and the benchmark data sets.	
3.002		Indicate any discrepancies		
3.003		Verify that all searches have been saved before exiting the system. Log off the system.	The searches are expected to be saved for future test cases.	
3.004		Verify all sessions have been terminated. Retrieve printouts for future reference and further analysis.		

5.4.2 Directory, Inventory, Browse and Product Orders at the NSIDC DAAC (B.1)

NSIDC DAAC (V0 as the Client, ECS as the Server)

Accessing ECS from the V0 Client is a Release B.1 capability.

This test case is to verify two-way interoperability. Using the V0 Client located at the NSIDC DAAC to query the ECS servers for Directory, Guide and Inventory searches, conduct browse activities and order ECS data products archived at the ECS DAACs. The test will also verify that pricing information (ECS B.1 capability) is received.

Initial queries using the ECS Client to query for predetermined datasets (reference Table 5-2) at each of the ECS DAACs will be performed, and the results logged. Then the V0 Client will be used to query for the same datasets at the ECS DAACs , to determine that the V0 Client receives the same results as the ECS Client.

Requirements verified:

EOSD1695#B IMS-0625#B IMS-0915#B V0-0010#B V0-0150#B V0-0160#B V0-0170#B
V0-0180#B V0-0190#B V0-0200#B V0-0230#B V0-0240#B V0-0350#B V0-0380#B
EOSD1740#B

Test Procedures:

Step ID	Test Station	Actions	Expected Results	Comments
1.001		Ensure the ECS System is up and ready for access		
1.002		Verify the test data is available, review and record data sets available		
1.003		Verify the ECS Client is available for access on the PC or Workstation		
1.004		Record system and software information. IP address of PC or WS, environment setup, known problems and other relevant information including date and time of test.		
2.001		Log on to the PC or WS		Log on to the ECS Client (B0SOT)
2.002		Type in the command to access the B0SOT.	A screen indicating access to the tool is displayed.	IMS GUI initialized
2.003		Select the Advertising icon on the workstation desktop	Advertising information will be displayed.	Verify data selected from the V0 queries is available
2.004		Click on User Profile and enter information: Save when information is complete.	This information is stored and referenced on subsequent logins.	
2.005		Click on "Directory" for type of search desired.	Directory search screen appears	
2.006		Choose Parameters	Information selected is	

		information indicated in Table 5-2 for each DAAC	displayed on the screen.	
2.007		Click on the “Save Search” button to save the selected parameters.	This search may be re-used later for regression purposes	Choose a save set name to identify the Test Case ID number (e.g., SFQ5.1.1B0)
2.008		Click on “Execute Search” button	The directory search window results appear	
2.009		View the “Communications Status” screen for status of the directory search in progress	Data Transmission status is indicated.	
2.010		Verify that each button is highlighted, indicating a successful completion: Open Connection, Sending Message, Receiving Results, Completed Successfully	The transaction is complete and data sets are available for viewing and transfer	
2.011		If the “Comments” button is highlighted, this may indicate that data is continuing to be accessed. Click on “Comments” button to read additional information concerning data requested.	Additional information is displayed about the data transaction.	
2.012		Click on the “View Data” button to view the data sets available.	Several data sets and ID information are indicated on the directory results screen	
2.013		Verify that the data set information matches the parameter selections from the search screen	Data sets are expected to match the input parameters.	
2.014		Click on the “Count” button to select a data set.	The data set chosen is highlighted.	
2.015		Click on “Detailed Directory” button	Detailed directory information is displayed.	
2.016		Select each option and verify the information is based on the parameter information selected.	Detailed information is provided on the screen as each option is chosen.	
2.017		Verify the accuracy of the following information: a) Brief Description, b) Attribute, c) Data Center, d) Personnel, e) References	All information should correspond to the criteria selected.	
2.018		Under the “Go To” menu select the Current Data Set Information option	Directory Results Screen appears.	
2.019		Under the “Go To” menu select “Inventory” on	A Prompt appears “ Do	

		selected data set	search parameters?	
2.020		Select yes “To confirm search parameters”.	Inventory Search screen appears.	
2.021		Choose 1) Campaign Project 2) Platform/Source 3) Instrument/Sensor 4) Parameter 5) All processing levels 6) Data set and Data Center Information indicated in Table 5-2	Information selected is displayed on the screen.	
2.022		Select the Geographic Area coverage options 1) Select from Map	A map appears to select Latitude and Longitude parameters	Select each option for separate searches
2.023		Select the 2) Rectangular Option	Choose S or N Latitude and E or W Longitude	
2.024		Select the 3) Four Corners Option	A screen appears with Four Corners and Latitude and Longitude is selected.	
2.025		Select the 4) Point and Range Option	A screen appears to select the Center Points for Longitude and Latitude	
2.026		Select the 5) Global Granules Only Option		
2.027		Select the 6) Global Search Option	A map appears to select the Northernmost, Southernmost, Easternmost and Westernmost Area	
2.028		Select “Both” for Day and Night Coverage		
2.029		Select the number of Granules		The default is 100. Use 100 for the initial search and change for subsequent searches.
2.030		Choose the Continuous Time Range Coverage		Select the Annually Repeating Time Period for subsequent searches and alternate.
2.031		Click on the “Save Search” button to save the parameters	The search information is saved.	
2.032		Click on the “Execute Search” button	Communications Status screen appears indicating status and number of granules found.	

2.035		Under the “Go To” menu, select Browse	Browse Results Screen is displayed	
2.036		Verify browse image size		Compare to data from V0 query results
2.037		Click on View Image	Browse Image is displayed	
2.038		Click the “Mark for Order” radio button		
2.039		Click the “Close” button		
2.040		Verify the Inventory Results screen indicates the product has been selected for order	Y is indicated in the column O next to the dataset desired	
2.041		Click on the “Order Data” button	Order Data screen appears	
2.042		Click on Package ID, select package options: 1) Processing Option, 2) Media Type, 3) Media Format	Package Options selection screen appears	
2.043		Click on OK	Order Data Screen appears	
2.044		Click on Submit Order	Order Data Communication Status appears indicating transmission of request.	
2.045		After Order request is transmitted successfully, Select “View Contact Information”	Information is displayed pertaining to the order (e.g., Data Center, ID number, phone numbers, etc.)	
2.046		Repeat steps 2.003 through 2.045 until all queries listed in Table 5-2 have been completed.		
2.047		Select Close on all screens	Client “backs out”	
2.048		Log on to the PC or WS located at the DAAC, or via Telnet		
2.049		Input command to initialize the V0 IMS	EOSDIS V0 IMS initializing	
2.050		Select OK button	Welcome Screen	
2.051		Select Search Screen button	Search screen appears	
2.052		Select the Directory radio button	The radio button will appear depressed. The screen will change accordingly informing you of special restrictions and options.	
2.053		Select input criteria indicated in Table 5-2 for each DAAC, from the list of options presented to you		To verify the ECS Client can query all the V0 Servers, this test will be ran to query for

				datasets from all V0 DAACs
2.054		Select Save Search button to save the selected criteria		Select name like GSFC5.1.1 for tracking purposes
2.055		Select Execute Search button from the bottom of the screen	Communications Status screen appears	
2.056		Observe the columns representing the search progress. Note if the “Receiving Results” column is highlighted. Note if transaction is aborted		
2.057		If the “Comments” button is highlighted Select it and observe the results	Returns a Comments screen	
2.058		When the “Completed Status” column is green under the column labeled View, select the data button	“Directory Results Screen” is displayed	
2.059		After verifying that the information matches the criteria selected, select one of the datasets (reference Table 5-2) by clicking on the “count” button.	Highlights the dataset selected	
2.060		Click on Detail Directory button	Provides Detailed directory information	
2.061		Observe the following information: a) Brief Description, b) Attributes, c) Data Center, d) Personnel, e) Reference	All information should correspond to input selected	
2.062		Under the “Go To” menu, select “Current Data Set Information	Directory Results Screen Appears	
2.063		Select the Data set and under the “Go To” menu select Inventory, Selected data set	Prompt: Do you wish to confirm search parameters?	
2.064		At the prompt, click yes	Inventory search screen is displayed.	
2.065		Select the “Geographic Area” button		Select area specified in Table 5-2
2.066		Select the “Select From the Map”	Geographic selection screen appears	
2.067		Select the “Search Screen”	Returns to “Search Screen”	
2.068		Select “Execute Search” button from the bottom of the screen	“Communications Status” screen appears	

2.069

When the “Completed “Inventory Results”
Status” column is green,
select the data button